

Patent Abstracts of Japan

PUBLICATION NUMBER : 02249285  
PUBLICATION DATE : 05-10-90

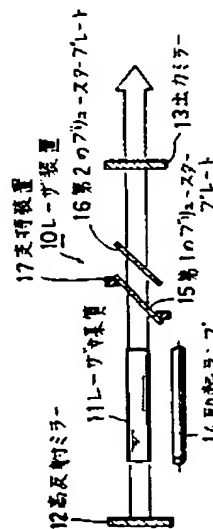
APPLICATION DATE : 23-03-89  
APPLICATION NUMBER : 01069233

APPLICANT : TOSHIBA CORP;

INVENTOR : GOTOU NORIAKI;

INT.CL. : H01S 3/106

TITLE : LASER DEVICE



ABSTRACT : PURPOSE: To enable laser light output to be changed continuously without affecting oscillation mode, expansion angle, and modification direction by providing first and second polarizing plates among a laser medium, a highly-reflecting mirror, or an output mirror and then rotating either the first or second polarizing plate in reference to the other around the center, namely axis of laser light in transmission direction.

CONSTITUTION: First and second brewster plates 15 and 16 as first and second polarizing plates are placed on the side of an output mirror 13 from a laser medium 11 along the direction of the optical axis of a laser between the laser medium 11 and the output mirror 13. Then, the first brewster plate 15 is supported by a supporting device 17 so that it can rotate freely, is allowed to rotate around the center, namely the optical axis of laser light, and is allowed to rotate for the second brewster plate 16. Thus, the first brewster plate 15 and the second brewster plate 16 and allowed to rotate each other and each polarizing direction is changed, thus enabling the amount of light transmission to change.

COPYRIGHT: (C)1990,JPO&Japio